

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Roberts 1406 Laminate Tongue and Groove Adhesive  
**PRODUCT USES:** For use in floated wood and laminate floor installations

**W.H.M.I.S. CLASSIFICATION:** NON-CONTROLLED  
**V.O.C. CONTENT:** 0 calculated

## SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** ROBERTS COMPANY CANADA LTD.  
**ADDRESS:** 2070 Steeles Ave. Bramalea, Ontario L6T 1A7  
**24 HOUR (CANUTEC) PHONE:** (613) 996-6666  
**DATE REVISED:** 06/01/02

**NAME OF PREPARER:** Peter Sharko  
**INFORMATION PHONE:** (905) 791-4444  
**SOURCES USED:** Raw material supplier M.S.D.S.

## SECTION II - HAZARDOUS INGREDIENTS INFORMATION

COMPONENT	APPROX. %	UN#	CAS#	LD50	LC50
ALUMINUM NITRATE SOLUTION	1 - 5		00778 4272	ORAL ACUTE 3,662 mg/kg (RAT) 3,980 mg/kg (MOUSE) 4,280 mg/kg (RAT)	

## SECTION III - PHYSICAL DATA

**BOILING POINT:** 100° C (water)  
**VAPOUR DENSITY (AIR=1):** >1  
**VAPOUR PRESSURE (MM OF MERCURY):** As for water.  
**SOLUBILITY IN WATER:** Miscible  
**APPEARANCE AND ODOUR:** White medium syrup, slight "white glue" odour.

**SPECIFIC GRAVITY (H2O=1):** 1.08    **pH:** 3 – 4  
**EVAPORATION RATE (BUTYL ACETATE=1):** <1  
**EVAPORATION RATE (ETHYL ACETATE=1):** N/D  
**PERCENT VOLATILE:** 51% (WW)  
**ODOUR THRESHOLD (PPM):** Not determined

## SECTION IV - FIRE AND EXPLOSION DATA

**FLASHPOINT (specify method):** Not applicable    **METHOD USED:**  
**FLAMMABLE LIMITS (% BY VOLUME):**    **LOWER:** N/A    **UPPER:** N/A    **IMPACT SENSITIVITY:** Insensitive  
**FIRE EXTINGUISHING MEDIA:** Foam, CO2, Chemical, Water Spray    **AUTO IGNITION TEMP:** N/A    **SENSITIVITY TO STATIC DISCHARGE:** N/A  
**SPECIAL FIRE-FIGHTING PROCEDURES:** Self-contained breathing apparatus and full turnout wear.    **TDG FLAMMABILITY CLASSIFICATION:** Not regulated.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable    **CONDITIONS TO AVOID:** Temperature extremes.  
**INCOMPATIBILITY (Materials to avoid):** No acute incompatibility known. May be coagulated and so spoiled by addition of some chemicals. Avoid freezing.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion products only.  
**HAZARDOUS POLYMERIZATION:** Will not occur    **CONDITIONS TO AVOID:** N/A

## SECTION VI - TOXICOLOGICAL PROPERTIES

### ENTRY ROUTE TABLE

SKIN CONTACT		SKIN ABSORPTION		EYE CONTACT		INHALATION ACUTE	X	INHALATION CHRONIC		INGESTION	X
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**EFFECTS OF ACUTE EXPOSURE TO MATERIAL:** Slight irritation of eyes on contact, skin irritation possible. Ingestion may cause stomach disturbances. Gross overexposure to inhalation may irritate respiratory tract.

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** None known.

<b>LD50 (SPECIFY SPECIES &amp; ROUTE):</b> Not available	<b>LC50 (SPECIFY SPECIES):</b> Not available	<b>EXPOSURE LIMIT:</b> Not established	<b>IRRITANCY:</b> N/A
<b>SENSITIZING CAPACITY:</b> N/A	<b>CARCINOGENICITY:</b> None	<b>REPRODUCTIVITY EFFECTS:</b> N/D	<b>SYNERGISTIC MATERIALS:</b> N/A

## SECTION VII - PREVENTATIVE MEASURES

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Not required under normal conditions of use.  
**VENTILATION:** General dilution for comfort.  
**PROTECTIVE GLOVES:** Rubber or plastic    **EYE PROTECTION:** Goggles  
**OTHER PROTECTIVE EQUIPMENT:** Not required under normal conditions of use.  
**SPILL PROCEDURES:** Prevent escape to sewers and natural environment.. Mechanically collect. Wash area with water. Spilled material may cause slippery conditions.  
**WASTE DISPOSAL METHOD:** Dispose of at an approved facility. Dried material only may be landfilled as non-hazardous waste. Consult local regulations.  
**STORAGE & HANDLING PRECAUTIONS:** Store in a cool, dry and well ventilated location. Keep containers from excessive heat and freezing. Keep tightly closed when not in use.  
**OTHER PRECAUTIONS:** Wash hands thoroughly after use. Avoid eye and skin contact. Keep out of reach of children.

## SECTION VIII - FIRST AID MEASURES

**INHALATION:** Remove to fresh air. Obtain medical attention if irritation persists.  
**EYES:** Remove contact lenses and flush with copious quantities of water. Obtain medical attention if irritation persists.  
**SKIN:** Wash with soap and water. Obtain medical attention if irritation develops.  
**INGESTION:** Do not induce vomiting. If victim is conscious, give milk or water. Note: Never give an unconscious victim liquids or induce vomiting. Place victim in a stable side position and keep warm. Contact physician immediately.